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**JUN 01 2006**

**PATENTS**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: <b>Vrazel et al.</b>	)	
	)	Art Unit: <b>2819</b>
Application No.: <b>10/032,586</b>	)	
	)	Examiner: <b>Jean Bruner Jeanglaude</b>
Filed: <b>December 21, 2001</b>	)	
	)	Attorney Docket No: <b>07982.105010</b>
For: <b>Increasing Data Throughput In</b>	)	
<b>Optical Fiber Transmission Systems</b>	)	Confirmation No: <b>9197</b>

**AMENDMENT AND RESPONSE**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

June 1, 2006

Sir:

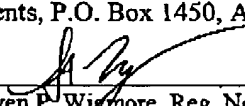
In response to the Office Action mailed December 20, 2005, (and with a petition for a three-month extension of time fee filed herewith to extend the due date to June 20, 2006) please enter and consider the amendments and remarks provided below.

**Amendments** to the claims are reflected in the listing of claims which begins on page 2 of this document.

**Remarks** begin on page 11 of this document.

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I hereby certify that this correspondence is being transmitted via facsimile (571-273-8300) to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on June 1, 2006.

  
Steven P. Wignmore, Reg. No. 40,447